Title (en)
Asymmetric protocol for wireless communications

Title (de)
Asymmetrisches Protokoll für drahtlose Kommunikation

Title (fr)
Protocole asymétrique pour communication sans fil

Publication
EP 0695053 A2 19960131 (EN)

Application
EP 95305030 A 19950719

Priority
US 28225494 A 19940729

Abstract (en)
A wireless communications system is arranged to provide data communications services, including error recovery, between at least one wireless end-user device and at least one one base station. The wireless end user device(s) receives(s) from the base station(s) unsolicited messages indicative of the status of data packets received by the base station(s). The wireless end-user device(s) transmit acknowledgement and request for retransmission messages only upon request, or when all the packets within a block of such packets have been received. <MATH>

IPC 1-7
H04L 1/18; H04Q 7/22; H04Q 7/32; H04B 7/26; H04L 1/00; H04L 1/16; H04L 29/06

IPC 8 full level
H04L 1/16 (2006.01); **H04L 1/18** (2006.01); **H04L 12/28** (2006.01); **H04L 12/56** (2006.01); **H04L 29/06** (2006.01); **H04W 76/04** (2009.01); H04W 28/04 (2009.01); H04W 36/08 (2009.01); H04W 36/12 (2009.01); H04W 74/06 (2009.01); H04W 88/16 (2009.01); H04W 92/02 (2009.01); H04W 92/10 (2009.01); H04W 92/20 (2009.01)

CPC (source: EP US)
H04L 1/1607 (2013.01 - EP US); **H04L 1/1685** (2013.01 - EP US); **H04L 1/1848** (2013.01 - EP US); **H04W 36/12** (2013.01 - EP); **H04W 76/20** (2018.02 - EP US); H04W 36/08 (2013.01 - EP US); H04W 36/12 (2013.01 - US); H04W 74/06 (2013.01 - EP US); H04W 88/16 (2013.01 - EP US); H04W 92/02 (2013.01 - EP US); H04W 92/10 (2013.01 - EP US); H04W 92/20 (2013.01 - EP US)

Citation (applicant)
- US 5007067 A 19910409 - AYANOGLU ENDER [US], et al
- BELL SYSTEM TECHNICAL JOURNAL, vol. 58, no. 1, January 1979 (1979-01-01), pages 1 - 14
- AT & T TECHNICAL JOURNAL, vol. 72, no. 4, July 1993 (1993-07-01), pages 19 - 26

Cited by
EP1315341A1; KR100722312B1; WO0150672A1; US5699367A; EP1058922A4; CN102356602A; AU2010211031B2; CN100359838C; US5930233A; EP1141855A4; US8620328B2; EP1418698A1; FR2847091A1; KR100689450B1; EP1424815A1; DE10230400A1; DE10230400B4; EP1101307A4; US2010058138A1; CN100359837C; CN100413241C; EP0944989A4; USRE45407E; GB2369961B; EP1468527A4; EP1326460A1; KR100951198B1; US7627317B2; US6996063B2; US6643813B1; US7961613B2; EP1760927A1; AU746179B2; GB2455417B; CN103401667A; WO9738509A1; WO9636154A1; WO0217551A1; US7376420B2; US6629285B1; USRE43071E; US7457260B2; WO0122645A1; WO2010090718A3; WO2005055526A1; WO9909519A1; WO2009033413A1; WO0049761A1; WO0022867A1; US6765889B1; US8223684B2; US8879500B2; WO2007127950A1; WO9904539A3; WO03055258A1; WO0137473A1; US6697331B1; US8213380B2; US8885604B2; WO2007098702A1; WO0247317A1; WO9724829A1

Designated contracting state (EPC)
DE DK FR GB NL SE

DOCDB simple family (publication)
EP 0695053 A2 19960131; **EP 0695053 A3 19970205**; CA 2145782 A1 19960129; CA 2145782 C 19990406; CN 1123980 A 19960605; JP H0865355 A 19960308; US 5570367 A 19961029

DOCDB simple family (application)
EP 95305030 A 19950719; CA 2145782 A 19950329; CN 95109624 A 19950726; JP 19233295 A 19950728; US 28225494 A 19940729